

Title (en)

Method and device for reporting information related to interference components received by a first telecommunication device to a second telecommunication device

Title (de)

Verfahren und Vorrichtung zur Mitteilung zu einem zweiten Telekommunikationsgerät von Informationen in Bezug auf in einem ersten Telekommunikationsgerät empfangene Störungskomponenten

Title (fr)

Procédé et dispositif pour rapporter à un deuxième dispositif de télécommunication des informations associées à composantes d'interférence reçues par un premier dispositif de télécommunication

Publication

EP 1804394 A1 20070704 (EN)

Application

EP 05292816 A 20051227

Priority

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Abstract (en)

The present invention concerns a method for reporting, through a wireless network, information related to interference components received by a first telecommunication device which comprises M antennas to a second telecommunication device which comprises N antennas. The method comprises the steps executed by the first telecommunication device of measuring the interference components received by the first telecommunication device, determining at most M weighting vectors from the measured interference components, weighting at most M pilot signals with the at most M determined weighting vectors and transferring the at most M weighted pilot signals to the second telecommunication device. The present invention concerns also the associated device.

IPC 8 full level

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Citation (applicant)

WO 2004038985 A2 20040506 - QUALCOMM INC [US]

Citation (search report)

- [X] WO 2004038985 A2 20040506 - QUALCOMM INC [US]
- [X] WO 03001761 A1 20030103 - QUALCOMM INC [US]
- [X] US 6584302 B1 20030624 - HOTTINEN ARI [FI], et al
- [A] EP 1521383 A1 20050406 - LUCENT TECHNOLOGIES INC [US]

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